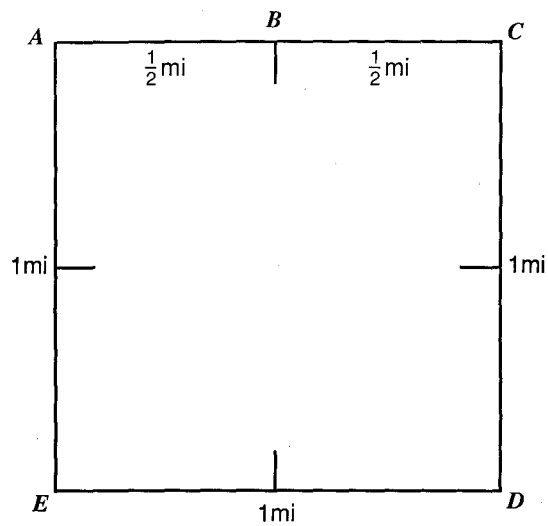
A Trip around the Block: Beth walks at a constant rate of 20 minutes per mile and jogs at a constant rate of 10 minutes per mile. Her block is 1 mile square. She begins walking at A and stops at B to chat with a neighbor for 5 minutes. She then walks to C. At C, she stops to wait for traffic for 2 minutes and then walks to D. When she reaches D, she realizes that she dropped her wallet at C and jogs back. At C, she spends 13 minutes looking for her wallet. She then walks to D. At D, she decides to jog to E. At E, she's tired and rests for 15 minutes. She then walks to A.



1. Use the information from Beth's "trip around the block" to complete the following table.

Time Elapsed Since Start of Trip (Minutes)	Total Distance Traveled (Miles)
0	0
10	1/2
15	
25	1
	1
	2
57	3
	3
90	4
	5
115	
135	

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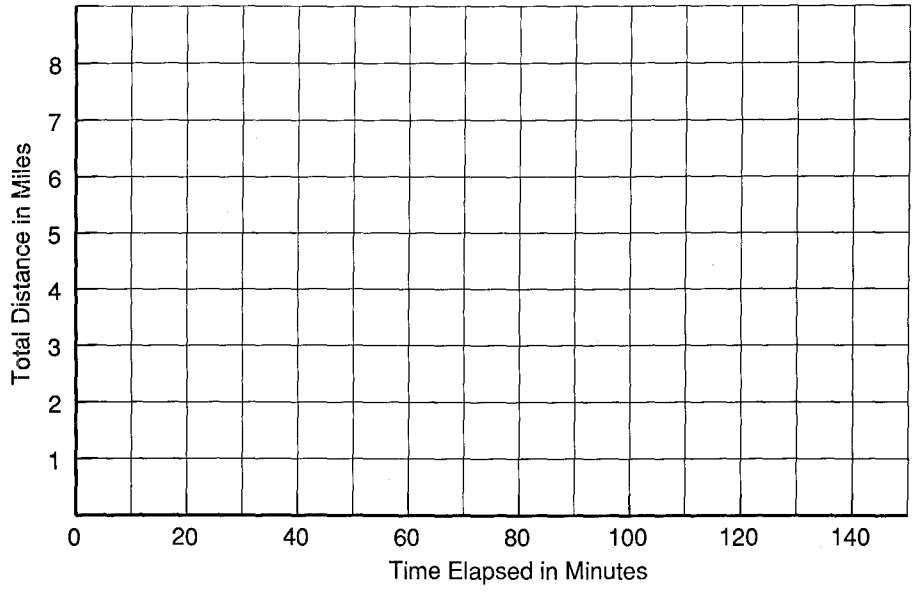
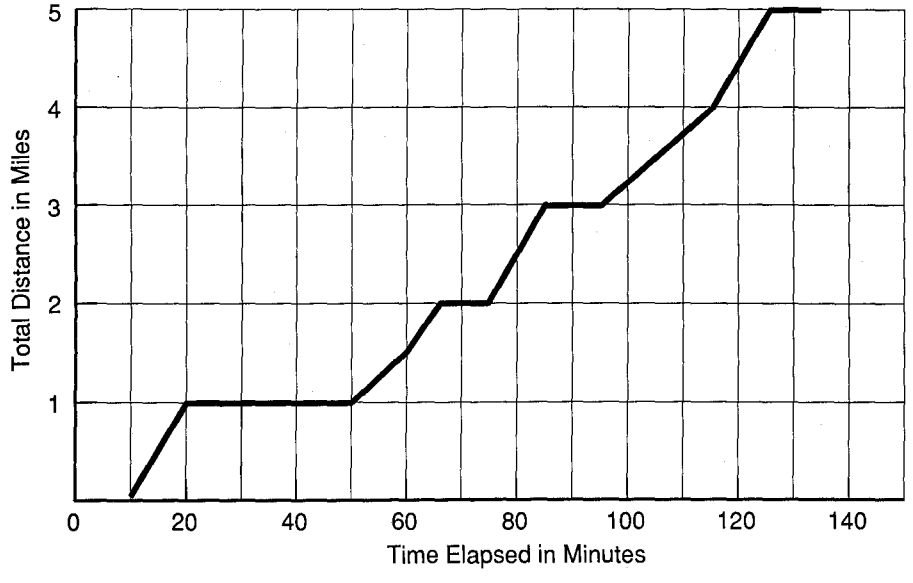
2. Use the table you completed in problem 1 to help you construct the graph of the time elapsed in minutes versus the distance traveled in miles for Beth's trip around the block.



3. The graph below shows the information for another "trip around the block." Create a story for this information, similar to the story given on sheet 1. Begin by constructing a table of the time elapsed versus the distance traveled.



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